KH1508/KH1516

Cat 5 High-Density KVM Switch

The KH1508 / KH1516 KVM Switches are control units that allow access to multiple computers from a single KVM (keyboard, monitor, and mouse) console. The KH1508 / KH1516 features RJ-45 connectors and Cat 5 cable to link to the computers. Combined with Auto Signal Compensation (ASC) signals can travel up to 40 meters and still maintain high video resolution. Utilizing PS/2 and USB KVM Adapter Cables for the final linkup, the KH1508 / KH1516 permits any combination of PCs, Macs, Sun computers, and serial devices to coexist on the installation.
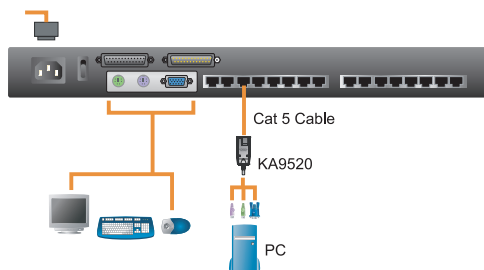
KH1508

KH1516

1 Local User

Console
PS/2

Computers
PS/2, USB, Sun, Serial

OS Support
Win, Mac, Linux, Unix, Sun, FreeBSD

Expansion
Daisy Chain

Diagram

Cat 5 Cable

KA9520

PC

KVM Adapter Cable:

Function	Module
Connect to devices with PS/2 ports	KA9520
Connect to devices with USB ports	KA9570
Connect to Sun Legacy systems (with 13W3 port)	KA9130
Connect to Sun USB systems	KA9131
Connect to serial based devices	KA9140

Feature

- A single console controls up to 8 (KH1508) or 16 (KH1516) computers
- Dedicated chain ports - daisy chain up to 31 additional units - control up to 512 computers from a single console
- Extends the distance between computers and switch - up to 40 m (130') for resolutions of 1280 x 1024 @ 60Hz, 30m (100') for resolution of 1600 x 1200 @ 60Hz
- Custom ASIC (patent pending) auto-senses station's position on daisy chained installations - no need for manual DIP switch setting - front panel LED indicates station's position
- Multiplatform support: PC, Mac, Sun and terminal-based systems
- No software required - convenient computer selection via port selection switches, Hotkeys and intuitive On Screen Display (OSD) menus
- Auto Scan feature for monitoring user-selected computers
- Hot Pluggable - add or remove switches/computers without having to power down the switches
- Two level password security - only authorized users view and control the computers - up to four Users plus an Administrator with separate profiles for each
- Two level logout - Manual and Timed
- PS/2 keyboard and mouse emulation - computers boot even when the console focus is elsewhere
- Superior video quality - supports resolutions of up to 1600 x 1200 @ 60Hz
- Multi-language support: American/UK English; Traditional Chinese; Japanese; French; German; Korean
- Rack Mountable in 19" System Rack (1U)

Specifications

Function			KH1508	KH1516
Computer Connections	Direct		8	16
	Max.		256 (via Daisy Chain)	512 (via Daisy Chain)
Port Selection			OSD; Hotkey; Pushbutton	
Connectors	Console Ports	Keyboard	1 x 6-pin Mini-DIN Female (Purple)	
		Video	1 x HDB-15 Female (Blue)	
		Mouse	1 x 6-pin Mini-DIN Female (Green)	
	KVM Ports		8 x RJ-45 Female	16 x RJ-45 Female
	Daisy Chain Ports	In	1 x DB-25 Female (Black)	
		Out	1 x DB-25 Male (Black)	
	F/W Upgrade		1 x RJ-11 Female (Black)	
	Power		1 x 3-prong AC Socket	
Switches	Port Selection		8 x Pushbutton	16 x Pushbutton
	Reset		1 x Semi-recessed pushbutton	
	F/W Upgrade		1 x Slide	
	Power		1 x Rocker	
LEDs	On Line		8 (Green)	16 (Green)
	Selected		8 (Orange)	16 (Orange)
	Power		1 (Blue)	
	Station ID		2 x 7-segment (Orange)	
Emulation	Keyboard / Mouse		PS/2	
Video			1600X1200@ 60Hz (30m); 1280 x 1024@60Hz (40m)	
Scan Interval			1–255 Seconds	
I/P Rating			100–240 VAC; 50/60 Hz; 1 A	
Power Consumption			25W	27W
Environment	Operating Temp.		0–50°C	
	Storage Temp.		-20–60°C	
	Humidity		0–80% RH, Non-condensing	
Physical Properties	Housing		Metal	
	Weight		2.75 Kg	
	Dimensions		43.70 x 16.10 x 4.40 cm	

* All specifications are subject to change without notice.